INTERNATIONAL SEARCH REPORT

T/US 03/16723

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11C16/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{lll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC 7 & G11C & G02D & F02D & G05B \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
X	EP 0 561 271 A (HITACHI LTD ;HITACHI VLSI ENG (JP)) 22 September 1993 (1993-09-22)	1-3
A	page 4, line 24 - line 27 page 5, line 16 - line 31 page 12, line 13 -page 13, line 51; figures 4,9,10	4-7
X	US 5 394 327 A (SIMON JR ROBERT C ET AL) 28 February 1995 (1995-02-28)	1
A	column 3, line 50 -column 4, line 27 column 7, line 46 - line 64 column 8, line 34 - line 38; figure 1	2-7
	-/	
	·	

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance. 'E' earlier document but published on or after the international filing date. 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified). 'O' document referring to an oral disclosure, use, exhibition or other means. 'P' document published prior to the international filing date but later than the priority date claimed.	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 27 October 2003	Date of mailing of the international search report 06/11/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Harms, J



PCT/US	03/16723

		PC1/US U3/16/23			
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	US 6 272 587 B1 (IRONS JOHN M) 7 August 2001 (2001-08-07) column 1, line 30 -column 2, line 6 column 4, line 60 -column 6, line 4 column 6, line 44 - line 52 column 10, line 5 - line 9 claim 1	1,4			
P,X	EP 1 225 490 A (DELPHI TECH INC) 24 July 2002 (2002-07-24) entire document	1-3			



PCT/US	03/16723	

Patent document	T	Publication		Patent family		Publication	
cited in search report		date	member(s)			date	
EP 0561271	Α	22-09-1993	JP	5266219	A	15-10-1993	
			JP	5266220	Α	15-10-1993	
			DE	69325533	D1	12-08-1999	
			DE	69325533	T2	23-03-2000	
			DE	69332422	D1	21-11-2002	
			DE	69332422	T2	26-06-2003	
			DE	69332551	D1	16-01-2003	
			DE	69332551	T2	14-08-2003	
			DE	69333151	D1	18-09-2003	
			EP	1094470	A1	25-04-2001	
			EP	0561271		22-09-1993	
			EP	0902436		17-03-1999	
			EP	0893799		27-01-1999	
			US	6064593	Α	16-05-2000	
			US	2002181289	A1	05-12-2002	
			US	2003021157	A1	30-01-2003	
			US	6130836	Α	10-10-2000	
			US	6166953	Α	26-12-2000	
			US	6181598	B1	30-01-2001	
			US	5768194	Α	16-06-1998	
			US	5581503	Α	03-12-1996	
			US	5687345	Α	11-11-1997	
			US	6335879	B1	01-01-2002	
			US	6026020	Α	15-02-2000	
			US	2001015912	A1	23-08-2001	
			US	5844843		01-12-1998	
			US	2002051382		02-05-2002	
			US	2002048189	A1	25-04-2002	
US 5394327	Α	28-02-1995	NONE			# 24 6	
US 6272587	 В1	07-08-2001	EP	0834812	A1	08-04-1998	
00 02,200,		5, 00 2001	- JP	10207768		07-08-1998	
EP 1225490		24-07-2002	US	2002091462	A1	11-07-2002	
EF 1443430						24-07-2002	